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Attached please find the Proposed Amended Claims for your review.

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NOT FOR ENTRY INTO FILE**NOT FOR ENTRY INTO FILE****Proposed Amended Claims**

Application Serial No.: 10/579,290

Attorney Docket: 043043-0359295

Please cancel withdrawn claims 89 to 91 and amend the claims as follows:

Claims 1-72 (Canceled)

73. (Currently Amended) A purified antibody or functional fragment thereof comprising a light chain (V_L) variable region sequence and a heavy chain (V_H) variable region sequence, wherein said antibody or functional fragment specifically binds to an epitope of an antigen expressed by at least one of BXP-3 (ATCC Accession No. CRL-1687), 23132/87 (DSMZ Accession No. ACC 201), COLO-206F (DSMZ Accession No. ACC 21), COLO-699 (DSMZ Accession No. ACC 196), or LOU-NH91 (DSMZ Accession No. ACC 393) neoplastic cells and binds to apolipoprotein B containing low density lipoproteins (LDL) and apolipoprotein B containing oxidized LDL (oxLDL), wherein SAM-6 antibody comprising the amino acid sequences of SEQ ID NO:1 and SEQ ID NO:3 specifically binds to said epitope of the antigen expressed by at least one of said neoplastic cells, and wherein said heavy chain variable region sequence has CDR sequences identical to CDR1, CDR2 and CDR3 of SEQ ID NO:3.

74.-79. (Cancelled)

80. (Previously Amended) A purified antibody or functional fragment thereof, comprising SEQ ID NO:1 and SEQ ID NO:3.

81. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said functional fragment comprises SEQ ID NO:1 and SEQ ID NO:3.

82.-105. (Cancelled)

106. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said light chain (V_L) variable region sequence is at least 80% identical to SEQ ID NO:1, and wherein said heavy chain (V_H) variable region sequence is at least 90% identical to SEQ ID NO:3.

107. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, comprising the functional fragment thereof.

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108. (Currently Amended) The purified antibody or functional fragment thereof according to Claim 107, wherein said functional fragment thereof is selected from the group consisting of $[[V_{H1}]]$ F_v, Fab, Fab' and F(ab')₂.

109. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said light chain variable region sequence has CDR sequences identical to CDR1, CDR2 and CDR3 of SEQ ID NO:1.

110. (Cancel)

111. (Previously Amended) The purified antibody or functional fragment thereof according to Claim 73, wherein the complementary-determining region (CDR) of said light chain (V_L) variable region sequence is identical to CDRs [Ser-Gly-Asp-Lys-Leu-Gly-Asp-Lys-Tyr-Ala-Cys (CDR1) and Gln-Asp-Ser-Lys-Arg-Pro-Ser (CDR2) and Gln-Ala-Trp-Asp-Ser-Ser-Ile-Val-Val (CDR3) of SEQ ID NO:1].

112. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said antibody or functional fragment thereof is a monoclonal antibody.

113.-114. (Cancelled)

115. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said antibody or functional fragment thereof inhibits cell proliferation of 23132/87 (DSMZ Accession No. ACC 201) cells.

116. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said antibody or functional fragment thereof induces apoptosis of at least one of BXPC-3 (ATCC Accession No. CRL-1687) and 23132/87 (DSMZ Accession No. ACC 201) cells.

117. -120. (Cancelled)

121. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein the antibody or functional fragment thereof is a monomeric or pentameric form.

122. (Currently Amended) A purified polypeptide comprising a heavy chain (V_H) variable region sequence, wherein said heavy chain variable region sequence has CDR sequences identical to CDR1, CDR2 and CDR3 of SEQ ID NO:3, wherein said heavy chain (V_H) variable region sequence specifically binds to an epitope of an antigen expressed by at least

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one of BXPC-3 (ATCC Accession No. CRL-1687), 23132/87 (DSMZ Accession No. ACC 201), COLO-206F (DSMZ Accession No. ACC 21), COLO-699 (DSMZ Accession No. ACC 196), or LOU-NH91 (DSMZ Accession No. ACC 393) neoplastic cells and binds to apolipoprotein B containing low density lipoproteins (LDL) and apolipoprotein B containing oxidized LDL (oxLDL), and wherein SAM-6 antibody comprising the amino acid sequences of SEQ ID NO:1 and SEQ ID NO:3 specifically binds to said epitope of the antigen expressed by at least one of said neoplastic cells.

123. (Previously Presented) The purified polypeptide according to Claim 122, wherein said heavy chain (V_H) variable region sequence is at least 95% identical to SEQ ID NO:3.

124. (Previously Presented) The purified polypeptide according to Claim 122, wherein the complementary-determining region (CDR) of said heavy chain (V_H) variable region sequence is identical to CDRs [Ser-Tyr-Ala-Met-His (CDR1) and Val-Ile-Ser-Tyr-Asp-Gly-Ser-Asn-Lys-Tyr-Tyr-Ala-Asp-Ser-Val-Lys-Gly (CDR2) and Asp-Arg-Leu-Ala-Val-Ala-Gly-Arg-Pro-Phe-Asp-Tyr (CDR3) SEQ ID NO:3].

125. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 73, wherein said light chain variable region sequence has CDR sequences identical to CDR1, CDR2 and CDR3 of SEQ ID NO:1.

126. (Currently Amended) The purified antibody or functional fragment thereof according to Claim 73, wherein said light chain (V_L) variable region sequence is at least 80% identical to SEQ ID NO:1, or wherein said heavy chain (V_H) variable region sequence is at least ~~[[80%]]~~ 90% identical to SEQ ID NO:3.

127. (Currently Amended) The purified polypeptide according to Claim 122, wherein said heavy chain (V_H) variable region sequence is at least ~~[[80%]]~~ 90% identical to SEQ ID NO:3.

128. (Currently Amended) A purified antibody or functional fragment thereof comprising a light chain (V_L) variable region sequence and a heavy chain (V_H) variable region sequence, wherein said antibody or functional fragment specifically binds to an epitope of an antigen expressed by at least one of BXPC-3 (ATCC Accession No. CRL-1687), 23132/87 (DSMZ Accession No. ACC 201), COLO-206F (DSMZ Accession No. ACC 21), COLO-699 (DSMZ Accession No. ACC 196), or LOU-NH91 (DSMZ Accession No. ACC 393) neoplastic cells and binds to apolipoprotein B containing low density lipoproteins (LDL) and apolipoprotein B containing oxidized LDL (oxLDL), wherein SAM-6 antibody comprising the amino acid

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sequences of SEQ ID NO:1 and SEQ ID NO:3 specifically binds to said epitope of the antigen expressed by at least one of said neoplastic cells, and wherein said light chain (V_L) variable region sequence is at least 90% identical to SEQ ID NO:1, or wherein said heavy chain variable region sequence is at least 90% identical to SEQ ID NO:3.

129. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 127, wherein said light chain (V_L) variable region sequence is at least 95% identical to SEQ ID NO:1, or wherein said heavy chain variable region sequence is at least 95% identical to SEQ ID NO:3.

130. (Previously Presented) The purified antibody or functional fragment thereof according to Claim 127, wherein said light chain (V_L) variable region sequence is at least 90% identical to SEQ ID NO:1, and wherein said heavy chain variable region sequence is at least 90% identical to SEQ ID NO:3.

131. (Currently Amended) A purified polypeptide comprising a heavy chain (V_H) variable region sequence, wherein said heavy chain variable region sequence is at least 90% identical to SEQ ID NO:3, wherein said heavy chain (V_H) variable region sequence specifically binds to an epitope of an antigen expressed by at least one of BXPC-3 (ATCC Accession No. CRL-1687), 23132/87 (DSMZ Accession No. ACC 201), COLO-206F (DSMZ Accession No. ACC 21), COLO-699 (DSMZ Accession No. ACC 196), or LOU-NH91 (DSMZ Accession No. ACC 393) neoplastic cells and binds to apolipoprotein B containing low density lipoproteins (LDL) and apolipoprotein B containing oxidized LDL (oxLDL), and wherein SAM-6 antibody comprising the amino acid sequences of SEQ ID NO:1 and SEQ ID NO:3 specifically binds to said epitope of the antigen expressed by at least one of said neoplastic cells.

132. (Previously Presented) The purified polypeptide according to Claim 131, wherein said heavy chain (V_H) variable region sequence is at least 95% identical to SEQ ID NO:3.